

MATERIAL SAFETY DATA SHEET

Revised/Reviewed: December 28, 2011

BASEPLATES, SHELLAC

Pink, non-distorting dental baseplates for accurate, detailed reproduction of model contour for final impressions and bite blocks.

Section 1- Product and Company Information

Manufactured by: Integra York PA, Inc., 589 Davies Drive, York, PA 17402

Information: 717-840-9335, 717-840-9347 (fax)

Chemical Name & Synonyms: No information available.

Chemical Formula: No information available.

In Case of Emergency: 1-800-535-5053

Section 2 – Composition/ Information on Ingredients

Substance / Preparation: Preparation of shellac, crystalline silica, talc and mica powder blends.

Information of Hazardous Ingredients: None.

Section 3 – Hazard(s) Identification

Physical/Chemical Hazards: Not applicable.

Human Health Hazards: Heated material may cause burns to unprotected skin. Heated material may release volatile ingredients and cause irritation and burns to unprotected eyes.

Environmental Hazards: Not applicable.

Section 4 - First Aid Measures

Ingestion: If large quantities swallowed, wash out mouth and call Physician.

Skin contact: Warm water must be used.

Eye Contact: Flush eyes with a copious amount of water for 15 minutes, occasionally lifting upper and lower eyelids. Warm water must be used.

Section 5 – Fire Fighting Measures

Extinguishing Media

Small Fire: Use Dry chemical powder.

Large Fire: Use extinguishing media suitable for surrounding materials.

Special Fire-Fighting Procedures: No special measure required.

Unusual Fire / Explosion Hazards: None.

Hazardous Thermal Decomposition Products: No dangerous substances are released.

Protection of Fire-Fighters: No special measures required.

Section 6 – Accidental Release Measures

Person-related safety precautions: No special measures required.

Environmental Precautions: Prevent any spillage from entering the sewage system.
Methods of Cleaning up: Pick up the remainders mechanically and dispose.

Section 7 – Handling and Storage

Handling: Avoid making this material into a fine powder.
Storage: Excessive heat or flame may cause decomposition or degradation of material.

Section 8 – Exposure Controls/ Personal Protection

Respiratory Protection: Dust mask during grinding operations.
Ventilation: Not Applicable.
Protective Gloves: None if used as directed.
Eye Protection: Not applicable.
Other Personal Protective Equipment: None, if used as directed.

Section 9 - Physical and Chemical Properties

Physical State and Appearance: Solid (Waxy solid)
Color: Pink or brown
Odor: Pleasant, Characteristic
Boiling Point: >250 °C
Melting Point: 58 °C
Density: 0.85 (water = 1)
Solubility: Very slightly soluble in methanol. Insoluble in cold water, hot water.
Octanol/water partition coefficient: Not available.
pH: Not applicable.
Flash Points: Open Cup: >250 °C
Flammability: Flammable in presence of open flames and sparks. Slightly flammable in presence of heat.
Auto ignition Temperature: > 350 °C
Explosion Properties: Non-explosive in presence of open flames, sparks and static discharge of shocks.

Section 10 – Stability and Reactivity

Stability: The Product is stable.
Conditions to avoid /Materials to avoid: None.
Hazardous Reactions: None.
Hazardous Decomposition Products: No dangerous substances are released.

Section 11 – Toxicological Information

From Subacute to Chronic Toxicity:
Sensitization: No sensitizing effect of the ingredients is known.
Mutagenicity, Ames – Test: Negative; no mutagenic effect.

Additional toxicological information: In our experience and based on the available information, the product does not cause any noxious effects when used and handled according to regulations.

Acute toxicology: In our experience the product does not cause any noxious effects when used and handled according to regulations.

Irritation effect: No irritation effects are known.

Section 12 – Ecological Information

Biological decomposition: Not determined

Ecotoxicological Information: Quantitative data for ecological effects are not available.

Biological effects: Not determined.

General Information: Water hazard class 1 (self-assessment): slight hazard to waters.

Section 13 – Disposal Considerations

Product: Small amounts can be disposed of together with domestic waste: Large amounts must be disposed of in accordance with all applicable federal, state, and local regulations.

Packaging: Recommendation: Empty packaging can be disposed of together with domestic waste for recycling.

Section 14 – Transport Information

Land- Road/ Railway: ADR / RID Class: Non dangerous cargo. Not a DOT Hazardous Material or IATA Dangerous Good.

Section 15 – Regulatory Information

Labeling according to EU- Directive:

The product must not be labeled in accordance with EU- Directives/ordinance on HAZARDOUS Materials) (GetstoffV) Medical products must not be labeled according to the chemicals act (ChemG & 2 (1) 2).

National regulations:

Water hazard class: 1 (slight hazardous to waters), self-assessment.

Section 16 – Other Information

No other information.

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